

Sub 17
A1
wherein said latch bar and handle have a first unlatched position where said handle pin enters said second slot and said door pin enters said first slot, and a second latched position where said handle pin contacts said second slot and said cam surface bears against said door pin, and

wherein rotation of said handle from the first position to the second position causes said handle pin to bear against said second slot, moving said latch bar in a latching direction from the first position to the second position, so that said first slot on said cam surface bears against said door pin and urges the door in a closing directions.

15. (Amended) An apparatus according to claim 12, wherein said handle rotates about a first axis, and has a handle portion on one side of the first axis, and said handle pin is on the other side of the axis, and wherein said slot is a substantially straight slot extending perpendicular to the direction of reciprocating travel of said latch bar.

Sub 37
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16. (Amended) A method for latching a door against a frame, comprising the steps of:

inserting a door pin mounted to the door into a first slot completely defined by a latch bar mounted to the frame;

inserting a handle pin mounted to a handle into a second slot on the latch bar; and

rotating the handle in a first direction so that the door pin urges the latch bar in a first direction so that the first slot cammingly contacts the door pin to urge the door into a latched position.